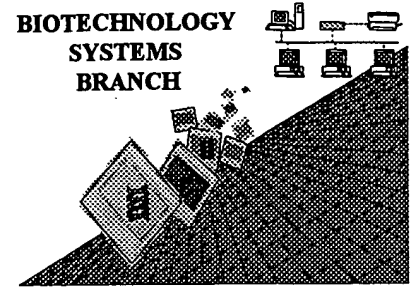


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/300,425

Art Unit / Team No. : 0186

Date Processed by STIC: 5/10/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER:

09/300,425

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 **Wrapped Nucleics** The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 **Wrapped Aminos** The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 **Incorrect Line Length** The rules require that a line not exceed 72 characters in length. This includes spaces.
All text must be visible on page.
- 4 **Misaligned Amino Acid
Numbering** The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
between the numbering. It is recommended to delete any tabs and uses spacing between the numbers.
- 5 **Non-ASCII** This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 **Variable Length** Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) features section that some may be missing.
- 7 **Wrong Designation** Sequence(s) contain amino acid or nucleic acid designators which are not standard
representations as per the Sequence Rules (Please refer to paragraph 1.822)
- 8 **Skipped Sequences
(OLD RULES)** Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS: (Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(x1) SEQUENCE DESCRIPTION: SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 **Skipped Sequences
(NEW RULES)** Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 10 J **Use of n's or Xaa's
(NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 **Use of <213>Organism
(NEW RULES)** Sequence(s) are missing this mandatory field or its response.
- 12 **Use of <220>Feature
(NEW RULES)** Sequence(s) are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)
(Sec. 1.823 of new Sequence Rules)
- 13 **PatentIn ver. 2.0 "bug"** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/300,425

DATE: 05/10/1999
TIME: 14:58:09

Input Set: I300425.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

Does Not Comply
Corrected Diskette Needed

pp. 1-4

1 <110> APPLICANT: NERI, Dario
2 TARLI, Lorenzo
3 VITI, Francesca
4 BIRCHLER, Manfred
5 <120> TITLE OF INVENTION: Specific binding molecules for scintigraphy, conjugates
6 containing them and therapeutic method for treatment of
7 angiogenesis
8 <130> FILE REFERENCE: CIP
9 <140> CURRENT APPLICATION NUMBER: US/09/300,425
10 <141> CURRENT FILING DATE: 1999-04-28
11 <150> EARLIER APPLICATION NUMBER: US 09/075,338
12 <151> EARLIER FILING DATE: 1998-05-11
13 <160> NUMBER OF SEQ ID NOS: 21
14 <170> SOFTWARE: PatentIn Ver. 2.0
15 <210> SEQ ID NO 1
16 <211> LENGTH: 24
17 <212> TYPE: DNA
18 <213> ORGANISM: Artificial Sequence
19 <220> FEATURE:
20 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
21 LMB1bis
22 <400> SEQUENCE: 1
23 gcggcccagc cggccatggc cgag 24
24 <210> SEQ ID NO 2
25 <211> LENGTH: 54
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
30 DP47CDR1for
31 <400> SEQUENCE: 2
32 gagcctggcg gaccagctc atnnnnnnnn ngctaaaggt gaatccagag gctg 54
33 <210> SEQ ID NO 3
34 <211> LENGTH: 23
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
39 DP47CDR1back
40 <400> SEQUENCE: 3
41 atgagctggg tccgccaggc tcc 23
42 <210> SEQ ID NO 4
43 <211> LENGTH: 60
44 <212> TYPE: DNA

W-->

all iter 10 in even summary sheet

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/300,425

DATE: 05/10/1999

TIME: 14:58:09

Input Set: I300425.RAW

45 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
 48 DP47CDR2for
 49 <400> SEQUENCE: 4 *item 10*
 W--> 50 gtctgcgtag tatgtggtac cmmnactacc mmaaatmmnt gagaccact ccagcccctt 60
 51 <210> SEQ ID NO 5
 52 <211> LENGTH: 24
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Artificial Sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
 57 DP47CDR2back
 58 <400> SEQUENCE: 5
 59 acatactacg cagactccgt gaag 24
 60 <210> SEQ ID NO 6
 61 <211> LENGTH: 53
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial Sequence
 64 <220> FEATURE:
 65 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
 66 JforNot
 67 <400> SEQUENCE: 6
 68 tcattctcga cttgcggccg ctttgatttc caccttggtc ctttggccga acg 53
 69 <210> SEQ ID NO 7
 70 <211> LENGTH: 47
 71 <212> TYPE: DNA
 72 <213> ORGANISM: Artificial Sequence
 73 <220> FEATURE:
 74 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
 75 DPKCDR1for
 76 <400> SEQUENCE: 7 *item 10*
 W--> 77 gtttctgctg gtaccaggct aammnctgc tgctaact ctgactg 47
 78 <210> SEQ ID NO 8
 79 <211> LENGTH: 23
 80 <212> TYPE: DNA
 81 <213> ORGANISM: Artificial Sequence
 82 <220> FEATURE:
 83 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
 84 DPKCDR1back
 85 <400> SEQUENCE: 8
 86 ttagcctggt accagcagaa acc 23
 87 <210> SEQ ID NO 9
 88 <211> LENGTH: 46
 89 <212> TYPE: DNA
 90 <213> ORGANISM: Artificial Sequence
 91 <220> FEATURE:
 92 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
 93 DPKCDR2for
 94 <400> SEQUENCE: 9

DATE: 05/10/1999
TIME: 14:58:09

Input Set: I300425.RAW

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W--> 95 gccagtggcc ctgctggatg cmmnatagat gaggagcctg ggagcc 46
96 <210> SEQ ID NO 10
97 <211> LENGTH: 21
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
102 DPKCDR2back
103 <400> SEQUENCE: 10
104 gcatccagca gggccactgg c 21
105 <210> SEQ ID NO 11
106 <211> LENGTH: 45
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
111 DP47baNco
112 <400> SEQUENCE: 11
113 gcggcccagc atgccatggc cgaggtgcag ctgttgagtg ctggg 45
114 <210> SEQ ID NO 12
115 <211> LENGTH: 55
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
120 CDR3for
121 <400> SEQUENCE: 12
W--> 122 ggttccttg cccagtagt caaammmmmmmmmmmmmmmmmmmcttc gcacagtaat atacg 55
123 <210> SEQ ID NO 13
124 <211> LENGTH: 24
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
129 VHpullth
130 <400> SEQUENCE: 13
131 gcggcccagc atgccatggc cgag 24
132 <210> SEQ ID NO 14
133 <211> LENGTH: 66
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
138 Jassm
139 <400> SEQUENCE: 14
140 cccgctaccg cactggacc catcgccact cgagacggtg accagggttc cctggcccca 60
141 gtagtc 66
142 <210> SEQ ID NO 15
143 <211> LENGTH: 62
144 <212> TYPE: DNA

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/300,425

DATE: 05/10/1999
TIME: 14:58:09

Input Set: I300425.RAW

145 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
148 DPK22assm
149 <400> SEQUENCE: 15
150 gatgggtcca gtggcggtag cgggggcgcg tcgactggcg aaattgtgtt gacgcagtct 60
151 cc 62
152 <210> SEQ ID NO 16
153 <211> LENGTH: 63
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
158 DPK3for
159 <400> SEQUENCE: 16
W--> 160 caccttggtc ccttgccga acgtmncgg mmmnnacm nncctgctgac agtaatacac 60
161 tgc 63
162 <210> SEQ ID NO 17
163 <211> LENGTH: 56
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
168 Jfornot
169 <400> SEQUENCE: 17
170 gagtcattct cgacttgccg cgcctttgat ttccaccttg gtcccttggc cgaacg 56
171 <210> SEQ ID NO 18
172 <211> LENGTH: 24
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer:
177 Vlpullth
178 <400> SEQUENCE: 18
179 gatgggtcca gtggcggtag cggg 24
180 <210> SEQ ID NO 19
181 <211> LENGTH: 116
182 <212> TYPE: PRT
183 <213> ORGANISM: VH antibody specific for ED-B domain of fibronectin
184 <400> SEQUENCE: 19
185 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
186 1 5 10 15
187 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Phe
188 20 25 30
189 Ser Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
190 35 40 45
191 Ser Ser Ile Ser Gly Ser Ser Gly Thr Thr Tyr Tyr Ala Asp Ser Val
192 50 55 60
193 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
194 65 70 75 80

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/300,425

DATE: 05/10/1999
TIME: 14:58:09

Input Set: I300425.RAW

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195      Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
196                      85                      90                      95
197      Ala Lys Pro Phe Pro Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val
198                      100                      105                      110
199      Thr Val Ser Ser
200                      115
201 <210> SEQ ID NO 20
202 <211> LENGTH: 14
203 <212> TYPE: PRT
204 <213> ORGANISM: antibody linker
205 <400> SEQUENCE: 20
206      Gly Asp Gly Ser Ser Gly Gly Ser Gly Gly Ala Ser Thr Gly
207          1                      5                      10
208 <210> SEQ ID NO 21
209 <211> LENGTH: 108
210 <212> TYPE: PRT
211 <213> ORGANISM: VL antibody specific for ED-B domain of fibronectin
212 <400> SEQUENCE: 21
213      Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
214          1                      5                      10                      15
215      Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
216                      20                      25                      30
217      Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
218                      35                      40                      45
219      Ile Tyr Tyr Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
220                      50                      55                      60
221      Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
222          65                      70                      75                      80
223      Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Thr Gly Arg Ile Pro
224                      85                      90                      95
225      Pro Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
226                      100                      105

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Input Set: I300425.RAW

Line	? Error/Warning	Original Text
32	W "N" or "Xaa" used: Feature required	gagcctggcg gacccagctc atmnnmnnmn ngctaaag
50	W "N" or "Xaa" used: Feature required	gtctgcgtag tatgtggtac cmnnactacc mnaaatmn
77	W "N" or "Xaa" used: Feature required	gtttctgctg gtaccaggct aamnnngctgc tgctaaca
95	W "N" or "Xaa" used: Feature required	gccagtggcc ctgctggatg cmnnatagat gaggagcc
122	W "N" or "Xaa" used: Feature required	ggttccctgg ccccagtagt caaamnnmnn mnnmnnntt
160	W "N" or "Xaa" used: Feature required	caccttggtc ccttggccga acgtmnnncg mnnmnnac